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OM protein - protein search, using sw model

Run on: June 27, 2003, 18:02:05 ; Search time 109 Seconds  
(without alignments)  
35.705 Million cell updates/sec

Title: US-09-300-612-1

Perfect score: 84

Sequence: 1 LKAMDPTPLWKITE 15

Scoring table:

Gapop 10.0 , Gapext 0.5

Searched: 1184592 seqs, 259455700 residues

Total number of hits satisfying chosen parameters: 1184592

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database :

Pending\_Patents\_AA\_New:\*  
1: /cgn2\_6/ptodata/1/paa/PCT\_NEW\_COMB.pep.\*  
2: /cgn2\_6/ptodata/1/paa/US06\_NEW\_COMB.pep.\*  
3: /cgn2\_6/ptodata/1/paa/US07\_NEW\_COMB.pep.\*  
4: /cgn2\_6/ptodata/1/paa/US08\_NEW\_COMB.pep.\*  
5: /cgn2\_6/ptodata/1/paa/US09\_NEW\_COMB.pep.\*  
6: /cgn2\_6/ptodata/1/paa/US10\_NEW\_COMB.pep.\*  
7: /cgn2\_6/ptodata/1/paa/US60\_NEW\_COMB.pep.\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

#### SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	84	100.0	15	1	PCT-US03-01044-2
2	69	82.1	12	1	PCT-US03-01044-4
3	65	77.4	11	1	PCT-US03-01044-5
4	54	64.3	10	1	PCT-US03-01044-1
5	50	59.5	9	1	PCT-US03-01044-6
6	47	56.0	531	1	PCT-US02-28538-104
7	47	56.0	531	6	US-10-236-417-104
8	46	54.8	85	6	US-10-424-599-278038
9	46	54.8	384	6	US-10-437-963-200494
10	45	53.6	41	6	US-10-424-599-173148
11	45	53.6	137	5	US-09-134-000C-5938
12	45	53.6	137	5	US-09-134-000C-5938
13	45	53.6	137	6	US-10-434-665-5938
14	44	52.4	70	6	US-10-424-599-229035
15	44	52.4	106	6	US-10-424-599-255201
16	44	52.4	124	6	US-10-424-599-151167
17	44	52.4	144	6	US-10-424-599-205702
18	44	52.4	158	6	US-10-425-114-63058
19	44	52.4	223	7	US-60-452-680-17966
20	44	52.4	372	5	US-09-724-676-66676
21	44	52.4	372	5	US-09-724-676A-66676
22	44	52.4	381	5	US-09-724-676-66678
23	44	52.4	381	5	US-09-724-676A-66678
24	44	52.4	530	6	US-10-424-599-283741
25	44	52.4	538	5	US-09-724-676-66677
26	44	52.4	538	5	US-09-724-676A-66677

#### ALIGNMENTS

##### RESULT 1

PCT-US03-01044-2

; Sequence 2, Application PC/TUS0301044

; GENERAL INFORMATION:

; APPLICANT: LIPPS, BINIE L.

; TITLE OF INVENTION: DIAGNOSIS AND TREATMENT FOR IMMUNOGLOBULIN E (IGE) IMPLICATED

; FILE REFERENCE: FWLPAT0150

; CURRENT APPLICATION NUMBER: PCT/US03/01044

; CURRENT FILING DATE: 2003-01-14

; PRIOR APPLICATION NUMBER: US 10/047,945

; PRIOR FILING DATE: 2002-01-14

; NUMBER OF SEQ ID NOS: 7

; SOFTWARE: PatentIn version 3.1

; SEQ ID NO 2

; LENGTH: 15

; TYPE: PRT

; ORGANISM: ARTIFICIAL

; FEATURE:

; OTHER INFORMATION: SYNTHETIC FRAGMENT OF ISOLATE FROM OPOSSUM SERUM. SEE US 5,57

; OTHER INFORMATION: 97.

PCT-US03-01044-2

Query Match 100.0%; Score 84; DB 1; Length 15;  
Best Local Similarity 100.0%; Pred. No. 2.1e-05;  
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 LKAMDPTPLWKITE 15  
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Db 1 LKAMDPTPLWKITE 15

##### RESULT 2

PCT-US03-01044-4

; Sequence 4, Application PC/TUS0301044

; GENERAL INFORMATION:

; APPLICANT: LIPPS, BINIE L.

; TITLE OF INVENTION: DIAGNOSIS AND TREATMENT FOR IMMUNOGLOBULIN E (IGE) IMPLICATED

; FILE REFERENCE: FWLPAT0150

; CURRENT APPLICATION NUMBER: PCT/US03/01044

; CURRENT FILING DATE: 2003-01-14

; PRIOR APPLICATION NUMBER: US 10/047,945

; PRIOR FILING DATE: 2002-01-14

; NUMBER OF SEQ ID NOS: 7

; SOFTWARE: PatentIn version 3.1

; SEQ ID NO 4

; LENGTH: 12

; TYPE: PRT

Sequence 66675, A  
Sequence 66675, A  
Sequence 238, App  
Sequence 9380, App  
Sequence 7, Appli  
Sequence 168841,  
Sequence 114167,  
Sequence 197262,  
Sequence 197265,  
Sequence 51474, A  
Sequence 73022, A  
Sequence 75158, A  
Sequence 75894, A  
Sequence 566, App  
Sequence 144200,  
Sequence 128480,  
Sequence 264272,  
Sequence 14216, A  
Sequence 14216, A

US-09-724-676-66675  
US-09-724-676A-66675  
PCT-US02-19669A-228  
US-10-325-899-9380  
PCT-US03-01044-7  
US-10-437-963-168841  
US-10-437-963-114167  
US-10-437-963-197262  
US-10-437-963-197265  
US-10-282-122A-51474  
US-10-282-122A-73022  
US-10-282-122A-75158  
US-10-282-122A-75894  
US-10-361-942-566  
US-10-437-963-144200  
US-10-437-963-128480  
US-10-424-599-264272  
PCT-US02-32727-14216  
US-09-978-825-14216

27 44 52.4 679 5  
28 44 52.4 679 5  
29 44 52.4 1336 1  
30 44 52.4 1336 6  
31 43 51.2 8 1  
32 43 51.2 129 6  
33 43 51.2 156 6  
34 43 51.2 258 6  
35 43 51.2 278 6  
36 43 51.2 286 6  
37 43 51.2 341 6  
38 43 51.2 341 6  
39 43 51.2 341 6  
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41 43 51.2 840 6  
42 50.0 81 6  
43 42 50.0 92 6  
44 42 50.0 108 1  
45 42 50.0 108 5

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; ORGANISM: ARTIFICIAL
; FEATURE:
; OTHER INFORMATION: SYNTHETIC. CORRESPONDS TO FRAGMENT 1-12 OF 2 ABOVE.
PCT-US03-01044-4

Query Match      82.1%; Score 69; DB 1; Length 12;
Best Local Similarity 100.0%; Pred. No. 0.0025;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 LKAMDPTPLWI 12
Db 1 LKAMDPTPLWI 12

RESULT 3
PCT-US03-01044-5
; Sequence 5, Application PC/TUS0301044
; GENERAL INFORMATION:
; APPLICANT: LIPPS, BINIE L.
; TITLE OF INVENTION: DIAGNOSIS AND TREATMENT FOR IMMUNOGLOBULIN E (IGE) IMPLICATED DIS
; FILE REFERENCE: FWLPAT015WO
; CURRENT APPLICATION NUMBER: PCT/US03/01044
; CURRENT FILING DATE: 2003-01-14
; PRIOR APPLICATION NUMBER: US 10/047,945
; PRIOR FILING DATE: 2002-01-14
; NUMBER OF SEQ ID NOS: 7
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 5
; LENGTH: 11
; TYPE: PRT
; ORGANISM: ARTIFICIAL
; FEATURE:
; OTHER INFORMATION: SYNTHETIC. CORRESPONDS TO FRAGMENT 1-11 OF 2 ABOVE.
PCT-US03-01044-5

Query Match      77.4%; Score 65; DB 1; Length 11;
Best Local Similarity 100.0%; Pred. No. 0.009;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 LKAMDPTPLW 11
Db 1 LKAMDPTPLW 11

RESULT 4
PCT-US03-01044-1
; Sequence 1, Application PC/TUS0301044
; GENERAL INFORMATION:
; APPLICANT: LIPPS, BINIE L.
; TITLE OF INVENTION: DIAGNOSIS AND TREATMENT FOR IMMUNOGLOBULIN E (IGE) IMPLICATED DIS
; FILE REFERENCE: FWLPAT015WO
; CURRENT APPLICATION NUMBER: PCT/US03/01044
; CURRENT FILING DATE: 2003-01-14
; PRIOR APPLICATION NUMBER: US 10/047,945
; PRIOR FILING DATE: 2002-01-14
; NUMBER OF SEQ ID NOS: 7
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 1
; LENGTH: 10
; TYPE: PRT
; ORGANISM: ARTIFICIAL
; FEATURE:
; OTHER INFORMATION: SYNTHETIC FRAGMENT OF ISOLATE FROM OPOSSUM SERUM. SEE US 5,576,2
; OTHER INFORMATION: 87.
PCT-US03-01044-1

Query Match      64.3%; Score 54; DB 1; Length 10;
Best Local Similarity 100.0%; Pred. No. 0.33;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 LKAMDPTPL 10

; ORGANISM: Homo sapiens
; OTHER INFORMATION: SYNTHETIC. CORRESPONDS TO FRAGMENT 1-12 OF 2 ABOVE.
PCT-US03-01044-4

Query Match      82.1%; Score 69; DB 1; Length 12;
Best Local Similarity 100.0%; Pred. No. 0.0025;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 LKAMDPTPLWI 12
Db 1 LKAMDPTPLWI 12

RESULT 5
PCT-US03-01044-6
; Sequence 6, Application PC/TUS0301044
; GENERAL INFORMATION:
; APPLICANT: LIPPS, BINIE L.
; TITLE OF INVENTION: DIAGNOSIS AND TREATMENT FOR IMMUNOGLOBULIN E (IGE) IMPLICATED
; FILE REFERENCE: FWLPAT015WO
; CURRENT APPLICATION NUMBER: PCT/US03/01044
; CURRENT FILING DATE: 2003-01-14
; PRIOR APPLICATION NUMBER: US 10/047,945
; PRIOR FILING DATE: 2002-01-14
; NUMBER OF SEQ ID NOS: 7
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 6
; LENGTH: 9
; TYPE: PRT
; ORGANISM: ARTIFICIAL
; FEATURE:
; OTHER INFORMATION: SYNTHETIC. CORRESPONDS TO FRAGMENT 1-9 OF 2 ABOVE.
PCT-US03-01044-6

Query Match      59.5%; Score 50; DB 1; Length 9;
Best Local Similarity 100.0%; Pred. No. 1.1e+06;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 LKAMDPTPP 9
Db 1 LKAMDPTPP 9

RESULT 6
PCT-US02-28538-104
; Sequence 104, Application PC/TUS0228538
; GENERAL INFORMATION:
; APPLICANT: Curagen Corp. et al.
; TITLE OF INVENTION: NOVEL PROTEINS AND NUCLEIC ACIDS ENCODING SAME
; FILE REFERENCE: 21402-442C
; CURRENT APPLICATION NUMBER: PCT/US02/28538
; CURRENT FILING DATE: 2002-12-04
; PRIOR APPLICATION NUMBER: US60/318,120
; PRIOR FILING DATE: 2001-09-01
; PRIOR APPLICATION NUMBER: US60/318,430
; PRIOR FILING DATE: 2001-09-10
; PRIOR APPLICATION NUMBER: US60/322,781
; PRIOR FILING DATE: 2001-09-17
; PRIOR APPLICATION NUMBER: US60/318,184
; PRIOR FILING DATE: 2001-09-07
; PRIOR APPLICATION NUMBER: US60/361,663
; PRIOR FILING DATE: 2002-03-05
; PRIOR APPLICATION NUMBER: US60/396,412
; PRIOR FILING DATE: 2002-07-17
; PRIOR APPLICATION NUMBER: US60/322,636
; PRIOR FILING DATE: 2001-09-17
; PRIOR APPLICATION NUMBER: US60/322,817
; PRIOR FILING DATE: 2001-09-17
; PRIOR APPLICATION NUMBER: US60/322,816
; PRIOR FILING DATE: 2001-09-17
; PRIOR APPLICATION NUMBER: US60/323,519
; PRIOR FILING DATE: 2001-09-19
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 341
; SOFTWARE: Custom
; SEQ ID NO 104
; LENGTH: 531
; TYPE: PRT
; ORGANISM: Homo sapiens
PCT-US02-28538-104
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Query Match 56.0%; Score 47; DB 1; Length 531;  
Best Local Similarity 66.7%; Pred. No. 1.1e+02;  
Matches 8; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

QY 4 MDPTPLWKTE 15  
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Db 70 MDTSPPLWLTLE 81

## RESULT 7

US-10-236-417-104  
; Sequence 104, Application US/10236417  
; GENERAL INFORMATION:  
; APPLICANT: Agee et al.  
; TITLE OF INVENTION: NOVEL PROTEINS AND NUCLEIC ACIDS ENCODING SAME  
; FILE REFERENCE: 21402-442C  
; CURRENT APPLICATION NUMBER: US/10/236,417  
; CURRENT FILING DATE: 2003-01-06  
; PRIOR APPLICATION NUMBER: US60/318,120  
; PRIOR FILING DATE: 2001-09-01  
; PRIOR APPLICATION NUMBER: US60/318,430  
; PRIOR FILING DATE: 2001-09-10  
; PRIOR APPLICATION NUMBER: US60/322,781  
; PRIOR FILING DATE: 2001-09-17  
; PRIOR APPLICATION NUMBER: US60/318,184  
; PRIOR FILING DATE: 2001-09-07  
; PRIOR APPLICATION NUMBER: US60/361,663  
; PRIOR FILING DATE: 2002-03-05  
; PRIOR APPLICATION NUMBER: US60/396,412  
; PRIOR FILING DATE: 2002-07-17  
; PRIOR APPLICATION NUMBER: US60/322,636  
; PRIOR FILING DATE: 2001-09-17  
; PRIOR APPLICATION NUMBER: US60/322,817  
; PRIOR FILING DATE: 2001-09-17  
; PRIOR APPLICATION NUMBER: US60/322,816  
; PRIOR FILING DATE: 2001-09-17  
; PRIOR APPLICATION NUMBER: US60/323,519  
; PRIOR FILING DATE: 2001-09-19  
; Remaining Prior Application data removed - See File Wrapper or PALM.  
; NUMBER OF SEQ ID NOS: 341  
; SOFTWARE: Custom  
; SEQ ID NO 104  
; LENGTH: 531  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
US-10-236-417-104

Query Match 56.0%; Score 47; DB 6; Length 531;  
Best Local Similarity 66.7%; Pred. No. 1.1e+02;  
Matches 8; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

QY 4 MDPTPLWKTE 15  
||:|||||  
Db 70 MDTSPPLWLTLE 81

## RESULT 8

US-10-424-599-278038  
; Sequence 278038, Application US/10424599  
; GENERAL INFORMATION:  
; APPLICANT: La Rosa Thomas J  
; APPLICANT: Kovalic David K  
; APPLICANT: Zhou Yihua  
; APPLICANT: Cao Yongwei  
; TITLE OF INVENTION: Soy Nucleic Acid Molecules and Other Molecules Associated With  
; FILE REFERENCE: 38-21(53223)B  
; CURRENT APPLICATION NUMBER: US/10/424,599  
; CURRENT FILING DATE: 2003-04-28  
; NUMBER OF SEQ ID NOS: 285684  
; SEQ ID NO 278038  
; LENGTH: 85  
; TYPE: PRT

; ORGANISM: Glycine max  
; FEATURE:  
; OTHER INFORMATION: Clone ID: PAT\_MRT3847\_93091C.1.pep  
US-10-424-599-278038

Query Match 54.8%; Score 46; DB 6; Length 85;  
Best Local Similarity 77.8%; Pred. No. 31;  
Matches 7; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 7 TPPLWKTE 15  
|||||  
Db 45 TPPLWKIE 53

## RESULT 9

US-10-437-963-200494  
; Sequence 200494, Application US/10437963  
; GENERAL INFORMATION:  
; APPLICANT: La Rosa, Thomas J.  
; APPLICANT: Kovalic, David K.  
; APPLICANT: Zhou, Yihua  
; APPLICANT: Cao, Yongwei  
; APPLICANT: Wu, Wei  
; APPLICANT: Boukharov, Andrey A.  
; APPLICANT: Barbazuk, Brad  
; APPLICANT: Li, Ping  
; TITLE OF INVENTION: Rice Nucleic Acid Molecules and Other Molecules Associated With  
; FILE REFERENCE: 38-21(53221)B  
; CURRENT APPLICATION NUMBER: US/10/437,963  
; CURRENT FILING DATE: 2003-05-14  
; NUMBER OF SEQ ID NOS: 204966  
; SEQ ID NO 200494  
; LENGTH: 384  
; TYPE: PRT  
; ORGANISM: Oryza sativa  
; FEATURE:  
; OTHER INFORMATION: Clone ID: PAT\_MRT4530\_95958C.1.pep  
US-10-437-963-200494

Query Match 54.8%; Score 46; DB 6; Length 384;  
Best Local Similarity 58.3%; Pred. No. 1.1e+02;  
Matches 7; Conservative 2; Mismatches 3; Indels 0; Gaps 0;

QY 3 AMDPTPLWKTK 14  
| | | | |  
Db 91 AAAPAPPLWLRT 102

## RESULT 10

US-10-424-599-173148  
; Sequence 173148, Application US/10424599  
; GENERAL INFORMATION:  
; APPLICANT: La Rosa Thomas J  
; APPLICANT: Kovalic David K  
; APPLICANT: Zhou Yihua  
; APPLICANT: Cao Yongwei  
; TITLE OF INVENTION: Soy Nucleic Acid Molecules and Other Molecules Associated With  
; FILE REFERENCE: 38-21(53223)B  
; CURRENT APPLICATION NUMBER: US/10/424,599  
; CURRENT FILING DATE: 2003-04-28  
; NUMBER OF SEQ ID NOS: 285684  
; SEQ ID NO 173148  
; LENGTH: 41  
; TYPE: PRT  
; ORGANISM: Glycine max  
; FEATURE:  
; OTHER INFORMATION: Clone ID: PAT\_MRT3847\_127369C.1.pep  
US-10-424-599-173148

Query Match 53.6%; Score 45; DB 6; Length 41;  
Best Local Similarity 63.6%; Pred. No. 23;

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Matches 7; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

Qy 5 DPTPLWIKTE 15
   |||||
Db 14 DPPLWAOPE 24

RESULT 11
US-09-134-000C-5938
; Sequence 5938, Application US/09134000C
; GENERAL INFORMATION:
; APPLICANT: Lynn Doucette-Stamm et al
; TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO
; FILE OF INVENTION: ENTEROCOCCUS FAECALIS FOR DIAGNOSTICS AND THERAPEUTICS
; FILE REFERENCE: 032796-032
; CURRENT APPLICATION NUMBER: US/09/134,000C
; CURRENT FILING DATE: 1998-08-13
; PRIOR APPLICATION NUMBER: US 60/055,778
; PRIOR FILING DATE: 1997-08-15
; NUMBER OF SEQ ID NOS: 6812
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 5938
; LENGTH: 137
; TYPE: PRT
; ORGANISM: Enterococcus faecalis
US-09-134-000C-5938

Query Match 53.6%; Score 45; DB 5; Length 137;
Best Local Similarity 75.0%; Pred. No. 65;
Matches 6; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy 5 DPTPLWI 12
   :|||||
Db 85 NPTPLWV 92

RESULT 12
US-09-134-000C-5938
; Sequence 5938, Application US/09134000C
; GENERAL INFORMATION:
; APPLICANT: Lynn Doucette-Stamm et al
; TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO
; FILE OF INVENTION: ENTEROCOCCUS FAECALIS FOR DIAGNOSTICS AND THERAPEUTICS
; FILE REFERENCE: 032796-032
; CURRENT APPLICATION NUMBER: US/09/134,000C
; CURRENT FILING DATE: 1998-08-13
; PRIOR APPLICATION NUMBER: US 60/055,778
; PRIOR FILING DATE: 1997-08-15
; NUMBER OF SEQ ID NOS: 6812
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 5938
; LENGTH: 137
; TYPE: PRT
; ORGANISM: Enterococcus faecalis
US-09-134-000C-5938

Query Match 53.6%; Score 45; DB 5; Length 137;
Best Local Similarity 75.0%; Pred. No. 65;
Matches 6; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy 5 DPTPLWI 12
   :|||||
Db 85 NPTPLWV 92

RESULT 13
US-09-134-000C-5938
; Sequence 5938, Application US/09134000C
; GENERAL INFORMATION:
; APPLICANT: Lynn Doucette-Stamm et al
; TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO
; FILE OF INVENTION: ENTEROCOCCUS FAECALIS FOR DIAGNOSTICS AND THERAPEUTICS
; FILE REFERENCE: PATH03-09
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; CURRENT APPLICATION NUMBER: US/10/434,665
; CURRENT FILING DATE: 2003-05-14
; PRIOR APPLICATION NUMBER: US 09/134,000
; PRIOR FILING DATE: 1998-08-13
; PRIOR APPLICATION NUMBER: US 60/055,778
; PRIOR FILING DATE: 1997-08-15
; NUMBER OF SEQ ID NOS: 6812
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 5938
; LENGTH: 137
; TYPE: PRT
; ORGANISM: Enterococcus faecalis
US-10-434-665-5938

Query Match 53.6%; Score 45; DB 6; Length 137;
Best Local Similarity 75.0%; Pred. No. 65;
Matches 6; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy 5 DPTPLWI 12
   :|||||
Db 85 NPTPLWV 92

RESULT 14
US-10-424-599-229035
; Sequence 229035, Application US/10424599
; GENERAL INFORMATION:
; APPLICANT: La Rosa Thomas J
; APPLICANT: Kovalic David K
; APPLICANT: Zhou Yihua
; APPLICANT: Cao Yongwei
; TITLE OF INVENTION: SOY NUCLEIC ACID MOLECULES AND OTHER MOLECULES ASSOCIATED WITH
; FILE OF INVENTION: Plants and Uses Thereof for Plant Improvement
; FILE REFERENCE: 38-21(53223)B
; CURRENT APPLICATION NUMBER: US/10/424,599
; CURRENT FILING DATE: 2003-04-28
; NUMBER OF SEQ ID NOS: 285684
; SEQ ID NO 229035
; LENGTH: 70
; TYPE: PRT
; ORGANISM: Glycine max
; FEATURE:
; OTHER INFORMATION: Clone ID: PAT_MRT3847_48845C.1.pep
US-10-424-599-229035

Query Match 52.4%; Score 44; DB 6; Length 70;
Best Local Similarity 60.0%; Pred. No. 51;
Matches 9; Conservative 0; Mismatches 6; Indels 0; Gaps 0;

Qy 1 LKAMDPTPLWIKTE 15
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Db 55 LKARDQOKSEFWIKTE 69

RESULT 15
US-10-424-599-255201
; Sequence 255201, Application US/10424599
; GENERAL INFORMATION:
; APPLICANT: La Rosa Thomas J
; APPLICANT: Kovalic David K
; APPLICANT: Zhou Yihua
; APPLICANT: Cao Yongwei
; TITLE OF INVENTION: SOY NUCLEIC ACID MOLECULES AND OTHER MOLECULES ASSOCIATED WITH
; FILE OF INVENTION: Plants and Uses Thereof for Plant Improvement
; FILE REFERENCE: 38-21(53223)B
; CURRENT APPLICATION NUMBER: US/10/424,599
; CURRENT FILING DATE: 2003-04-28
; NUMBER OF SEQ ID NOS: 285684
; SEQ ID NO 255201
; LENGTH: 106
; TYPE: PRT
; ORGANISM: Glycine max
; FEATURE:
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; OTHER INFORMATION: Clone ID: PAT\_MRT3847\_72469C.1.pap  
US-10-424-599-255201

Query Match 52.4%; Score 44; DB 6; Length 106;  
Best Local Similarity 85.7%; Pred. No. 73;  
Matches 6; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

OY 6 PTPPLWI 12  
| | | | |  
Db 92 PTPPLWV 98

Search completed: June 27, 2003, 18:10:15  
Job time : 111 secs

c